

Title (en)

ANOMALY DETECTION DEVICE AND METHOD FOR RESPIRATORY MECHANICS PARAMETER ESTIMATION

Title (de)

VORRICHTUNG ZUR ERKENNUNG VON ANOMALIEN UND VERFAHREN ZUR KALKULATION VON ATEMMECHANIKPARAMETERN

Title (fr)

DISPOSITIF DE DÉTECTION D'ANOMALIE ET PROCÉDÉ POUR L'ESTIMATION DE PARAMÈTRES DE MÉCANIQUE RESPIRATOIRE

Publication

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Application

EP 16790705 A 20161013

Priority

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- IB 2016056115 W 20161013

Abstract (en)

[origin: WO2017068464A1] A mechanical ventilation device (10) includes a mechanical ventilator. At least one airway sensor (24, 26) is configured to measure at least one of airway pressure and airway air flow as a function of time for a patient on the mechanical ventilator. At least one microprocessor (28, 30) is programmed to analyze at least one of airway pressure and airway air flow measured by the airway sensor to detect a spontaneous respiration anomaly in respiratory muscle pressure as a function of time generated by a patient on the mechanical ventilator. A display component (22) is configured to display an indication of a spontaneous respiration anomaly detected by the anomaly detection component.

IPC 8 full level

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CPC (source: EP US)

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